B.M.S COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous Institute, Affiliated To VTU)

Department of Electrical and Electronics Engineering

EVENT REPORT

Title	**Electric Motor Design Using MotorXP and MATLAB – From Basics to Advanced**	
Date	From: 12 Dec 2024	To: 13 Dec 2024
Time	From: 9:00 AM	To: 6:00 PM
Duration	2 days	
Event Type	Workshop	
Brief Description (4-5 Lines Max)	The workshop started basic design considerations of Inrunner and Outrunner Surface-Mounted PMSM. Design of an Inrunner and outerrunner PMSM Using Magnetostatic FEA was carried out with motorXP software. An advanced optimization algorithm for the designed motor was implemented. An automated workflow was set up for axial flux PMSM motor. MATLAB was for custom electrical circuits and control algorithm integration into motor designs	
Poster		

Event Photos		
No. of Participants	47	

Faculty Co-ordinators

Dr.Prema V
Prof Soniya Agrawal

HOD EEE

Dr.R.S.Geetha